

FIG. 1

Blade starts moving down at a speed set according to desired cut quality. Blade begins vibrating after it passes the bottom of the paper feeder, C

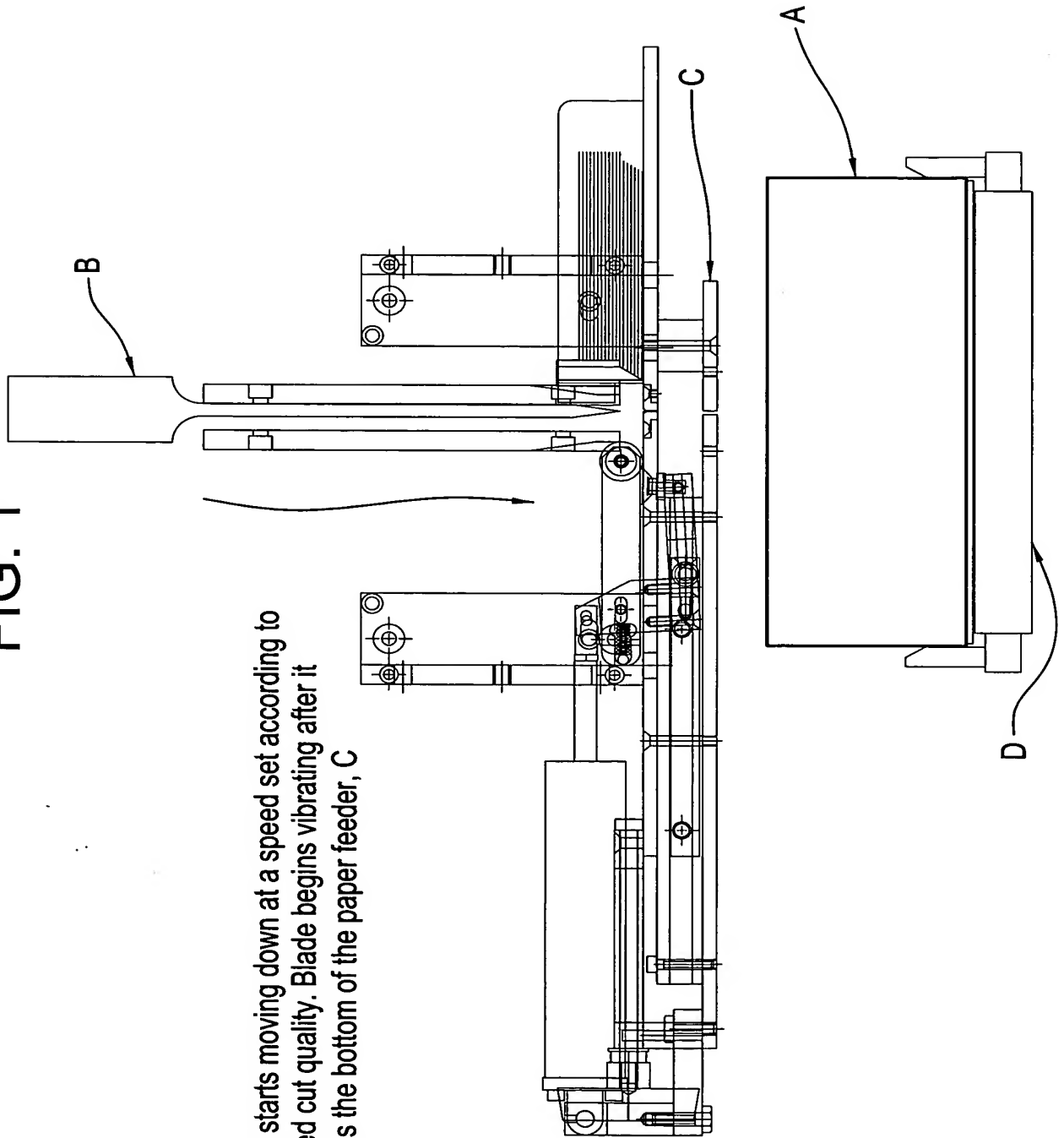


FIG. 2

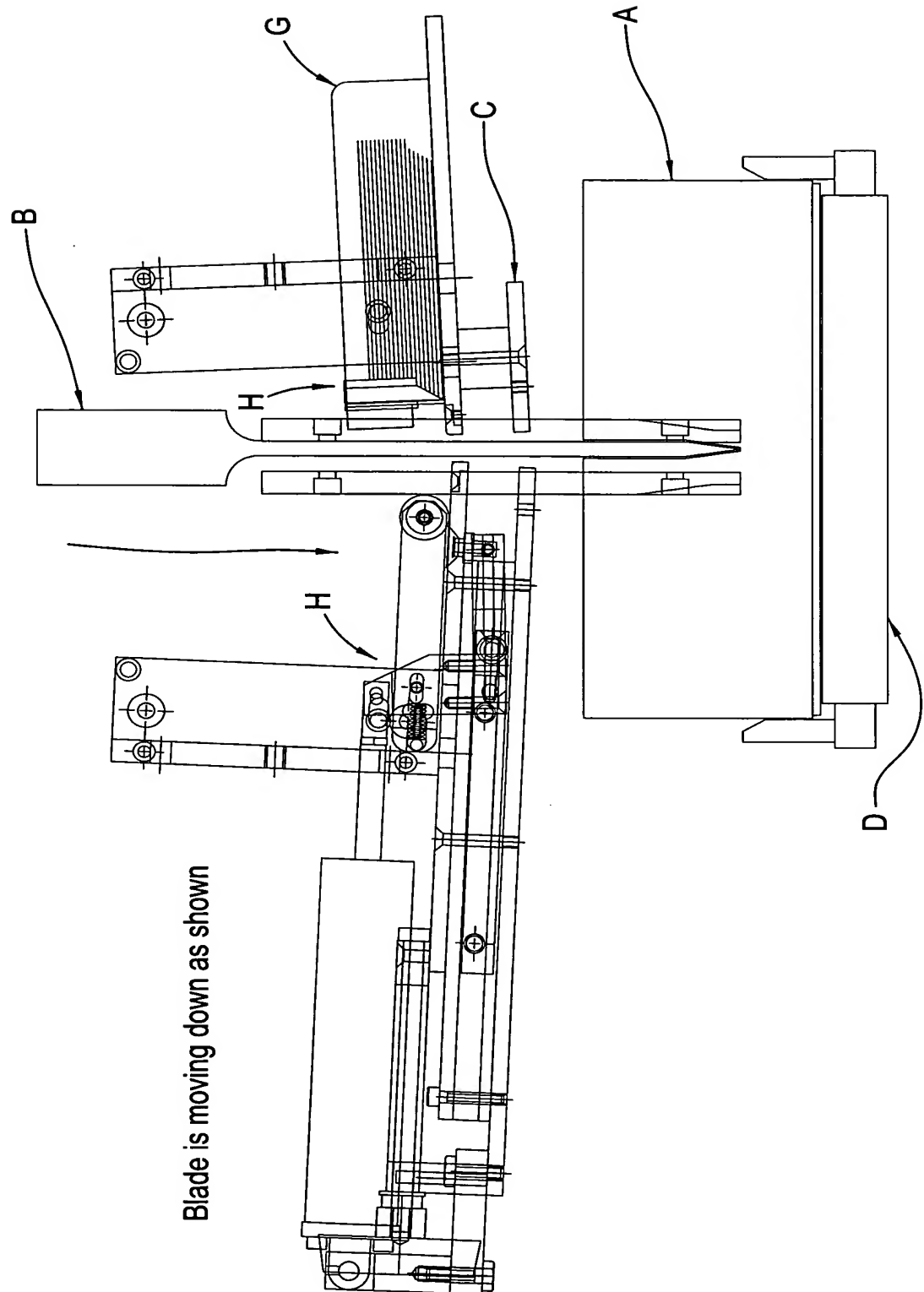
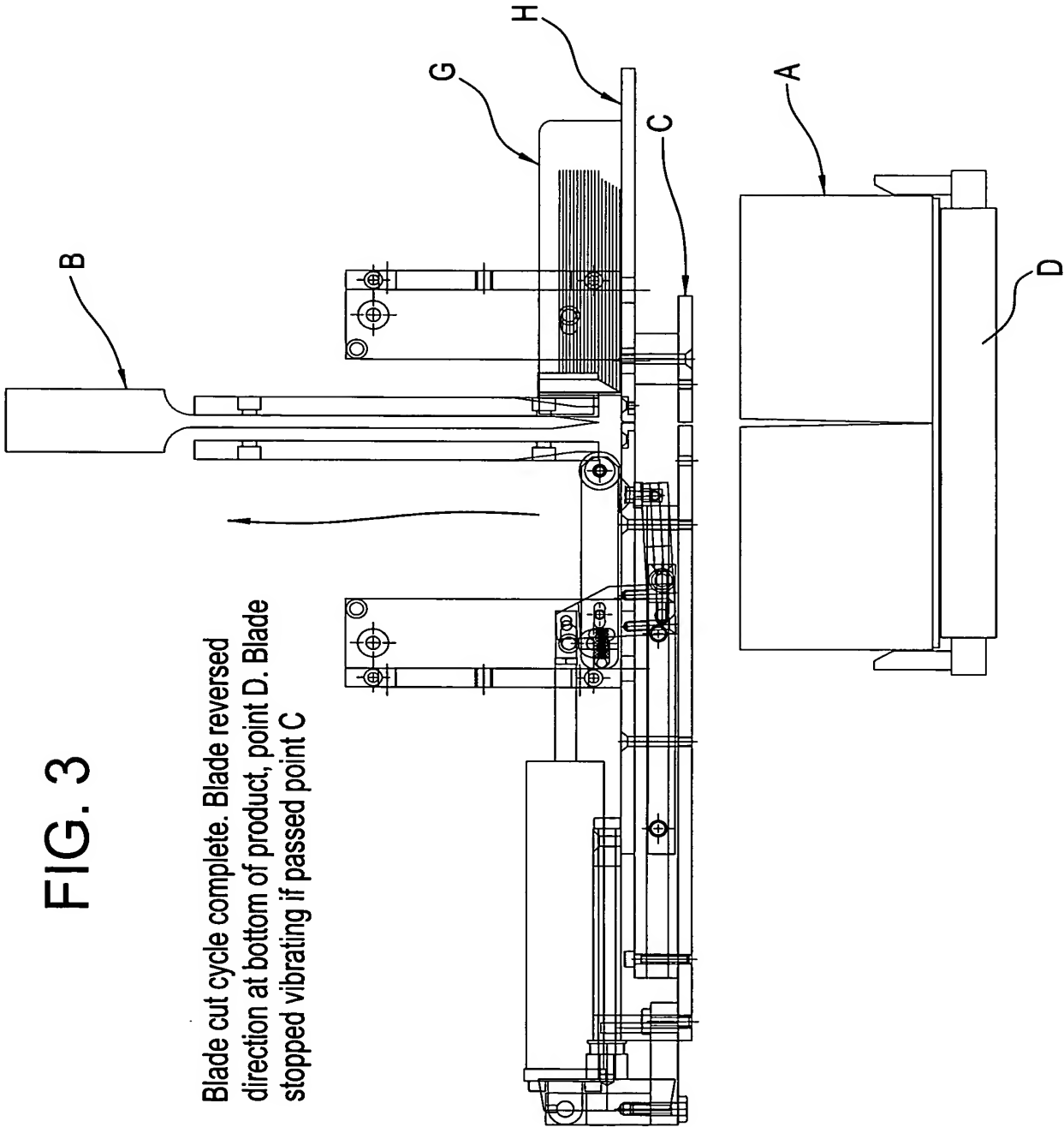


FIG. 3

Blade cut cycle complete. Blade reversed  
direction at bottom of product, point D. Blade  
stopped vibrating if passed point C



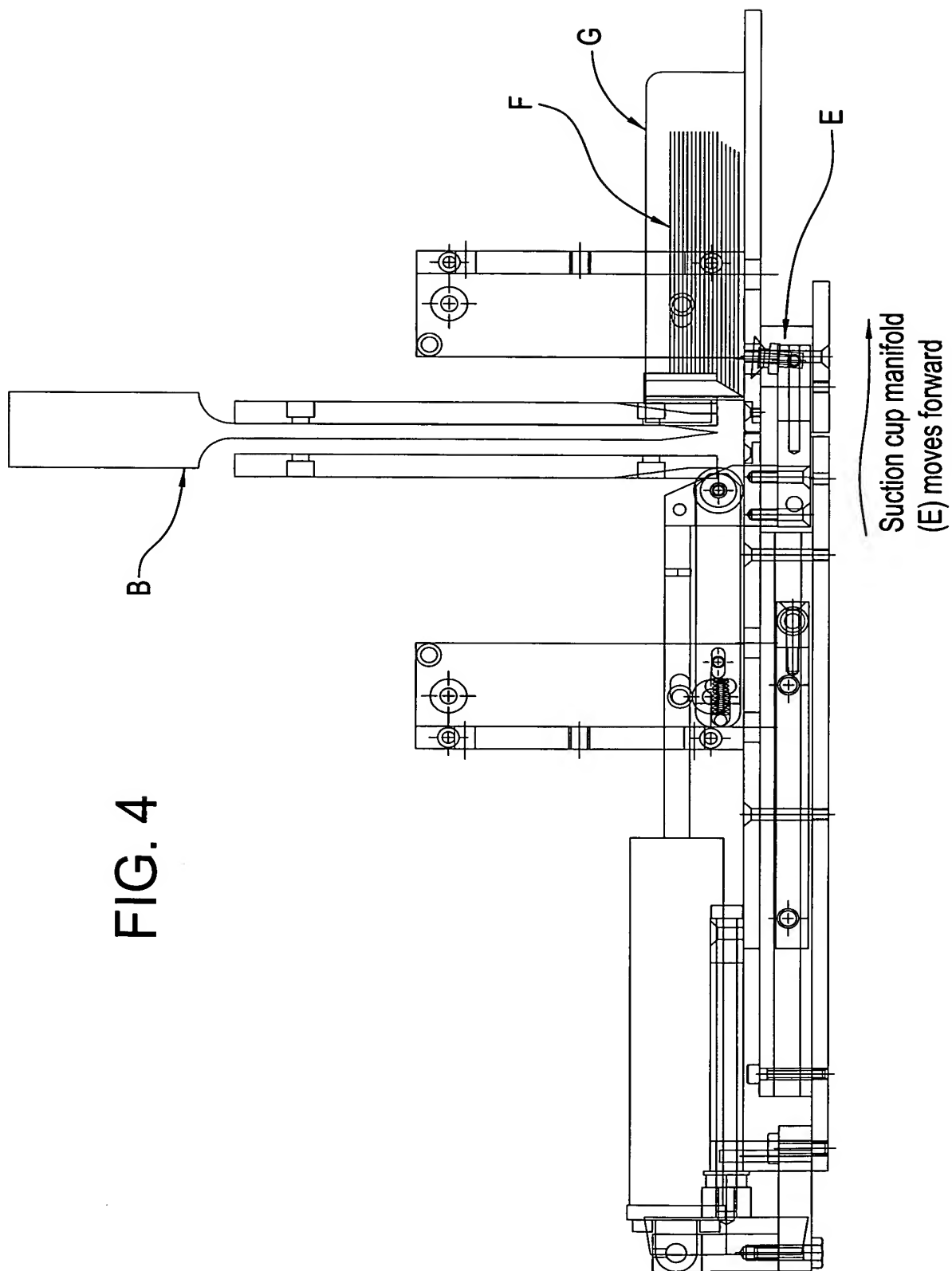


FIG. 4

FIG. 5

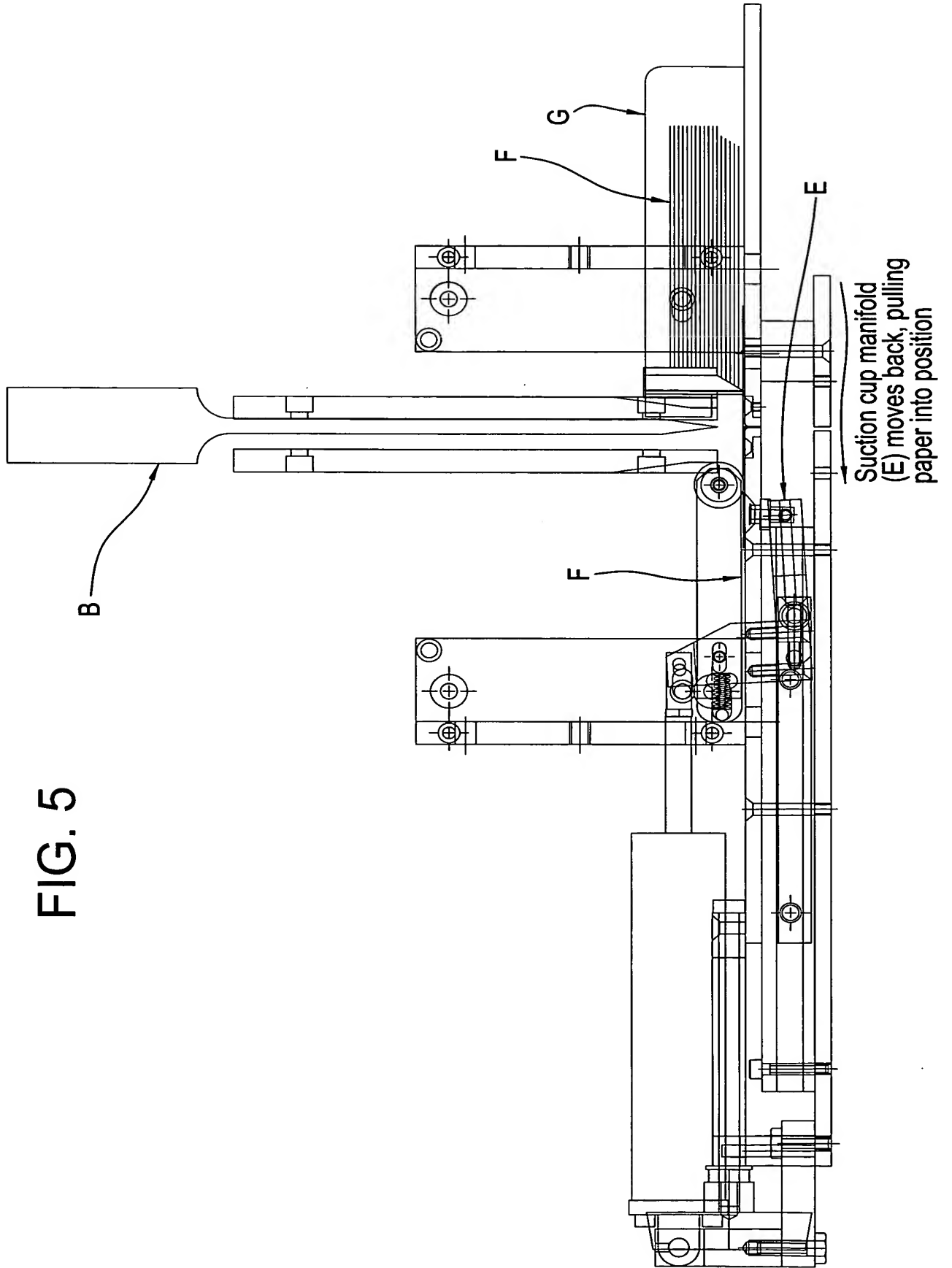


FIG. 6

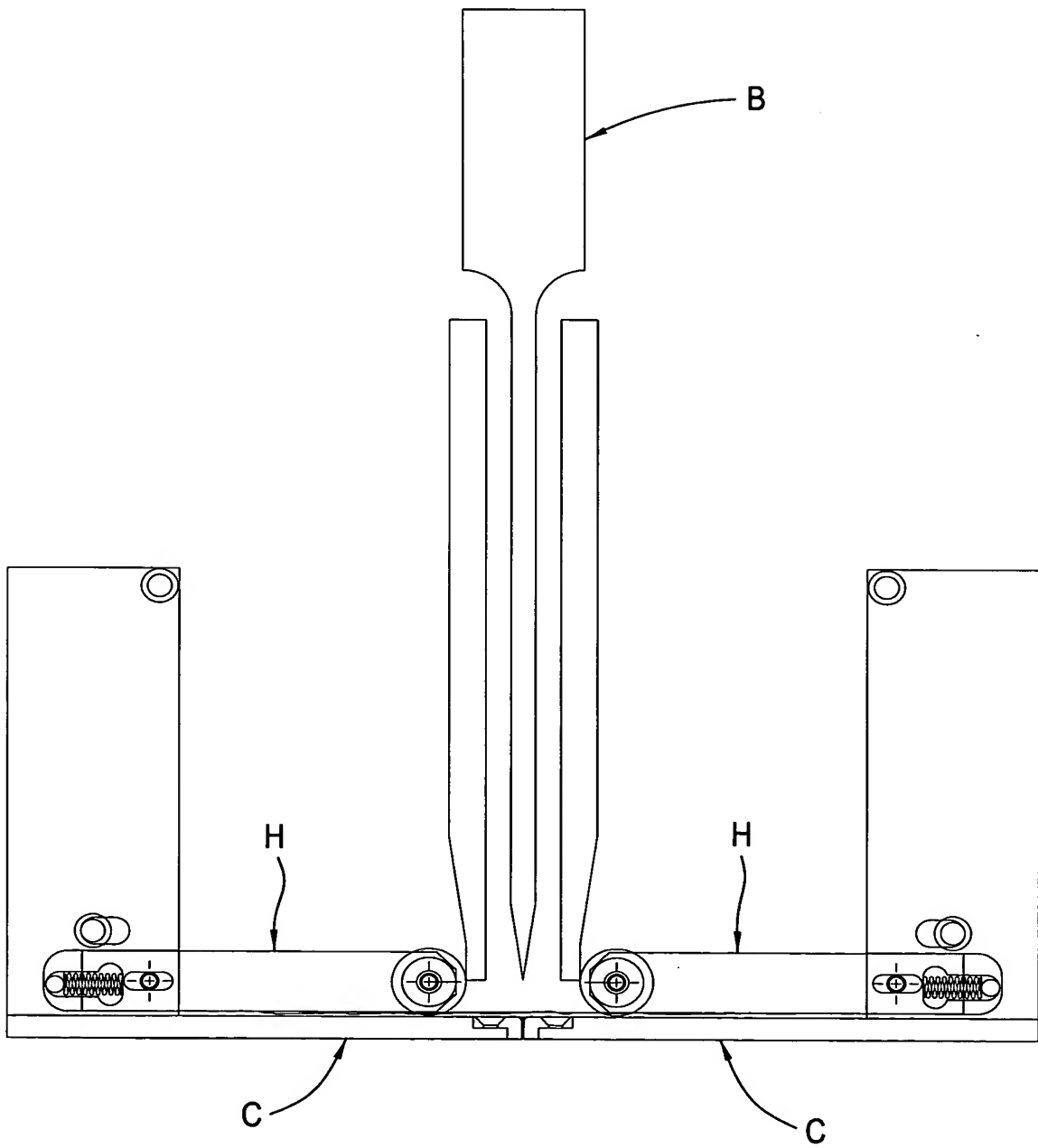


FIG. 7

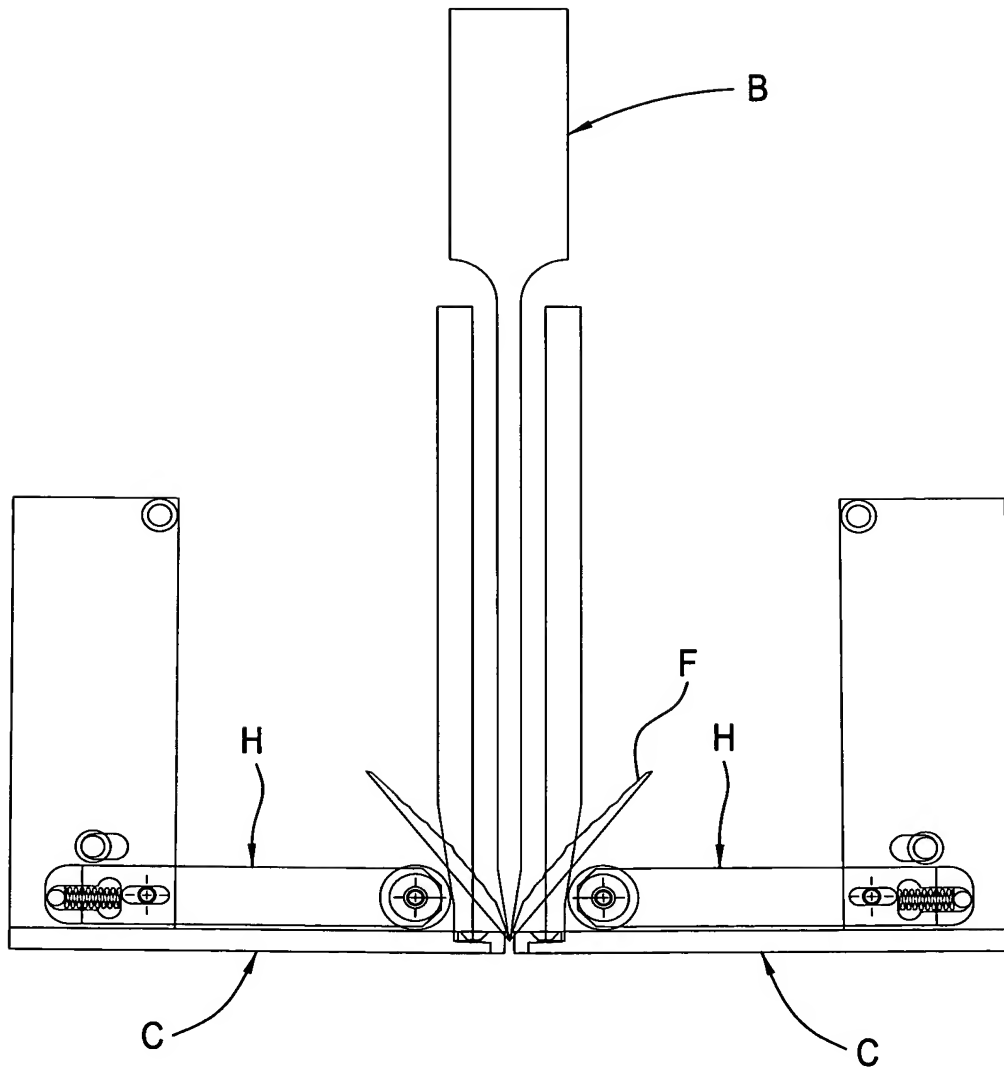
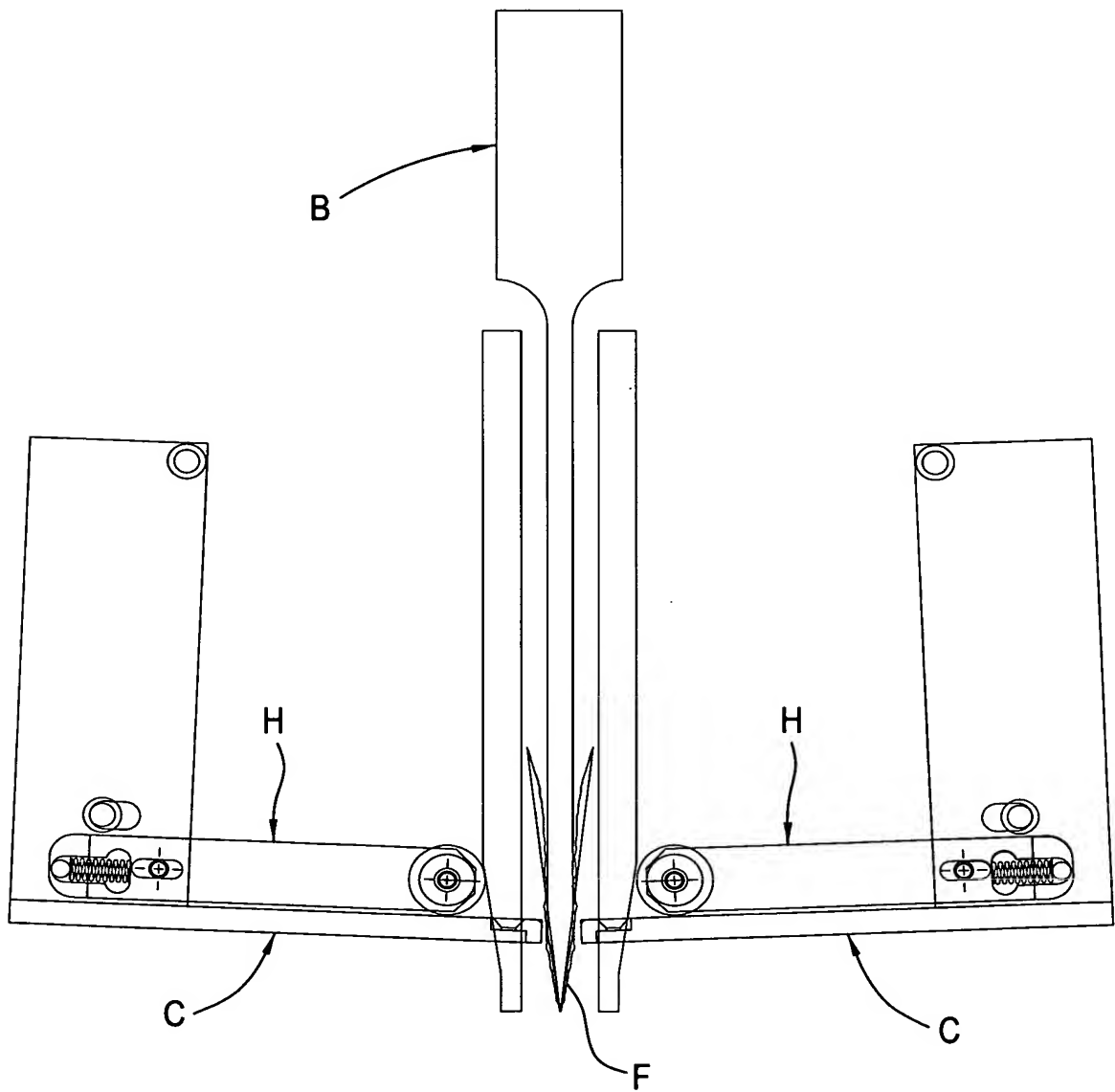


FIG. 8





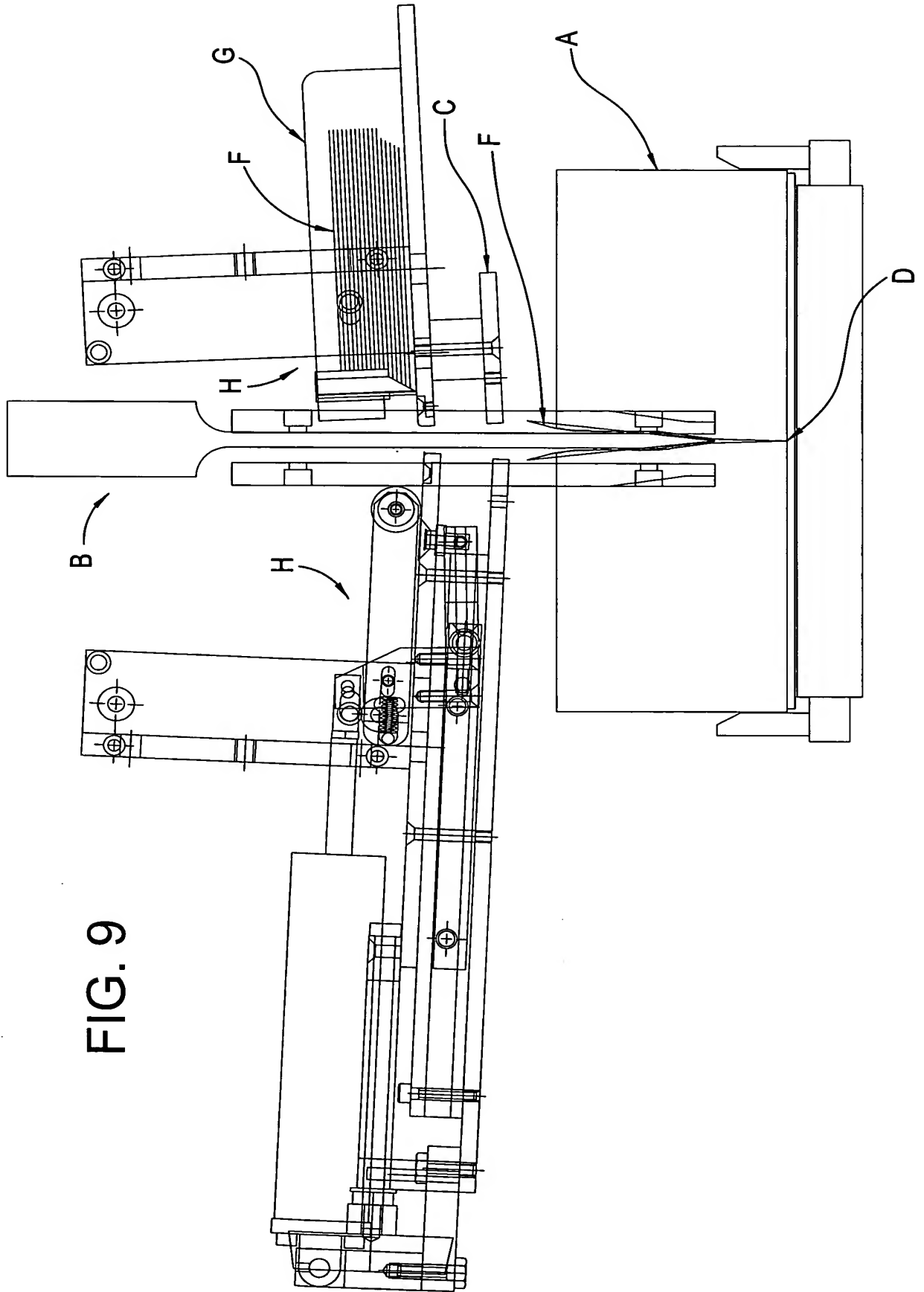
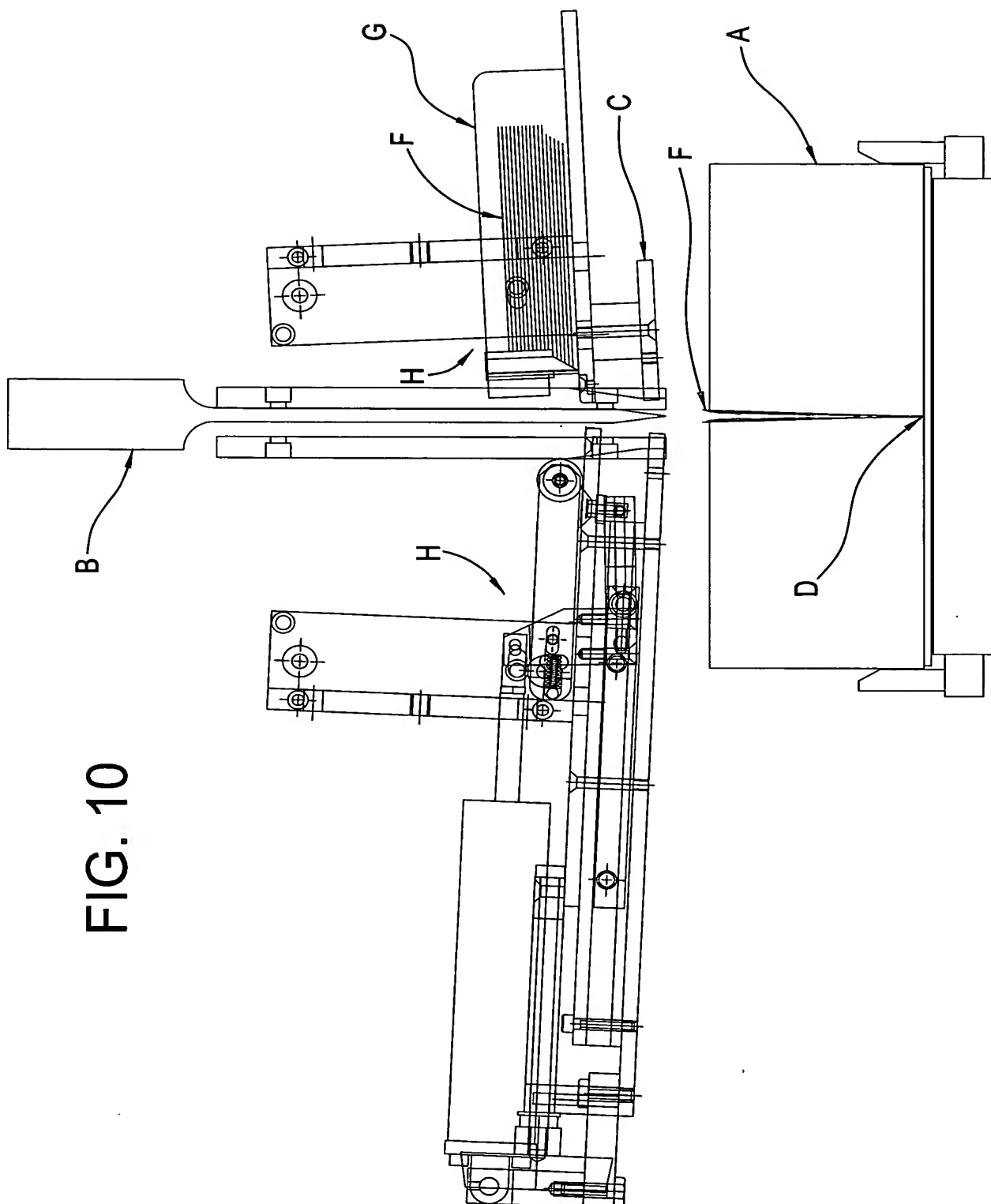


FIG. 9



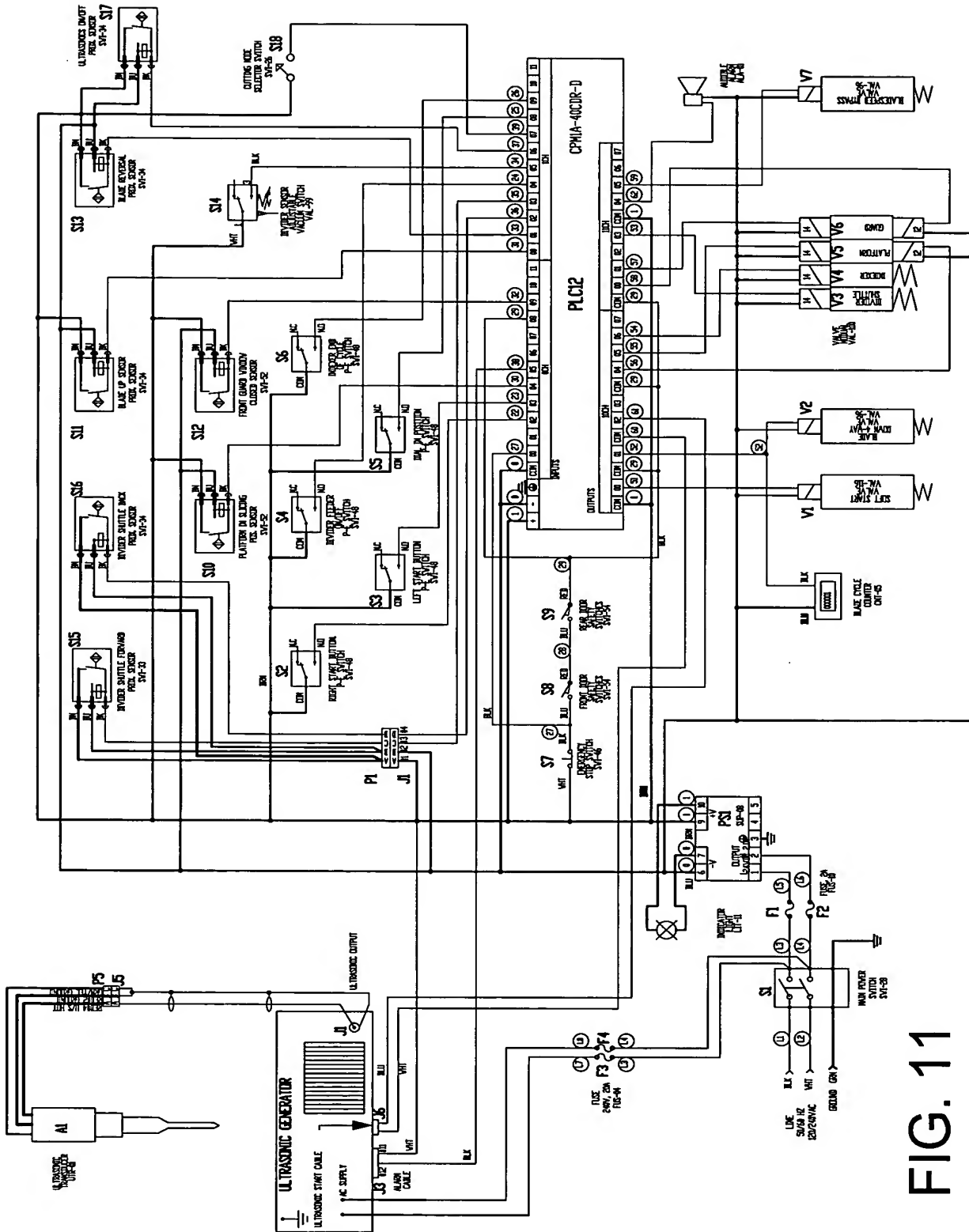


FIG. 11

# FIG. 12

## CS-1000UPF I/O LIST

### INPUTS:

#### 0CH

00	EMERGENCY STOP
01	SPARE
02	RIGHT START BUTTON P/E SWITCH
03	LEFT START BUTTON P/E SWITCH
04	PLATFORM IN SLICING POSITION SENSOR
05	ULTRASONIC ALARM
06	SPARE
07	SPARE
08	DOOR SAFETY SWITCHES
09	FRONT GUARD WINDOW CLOSED SENSOR
10	SPARE
11	SPARE

#### 1CH

00	BLADE UP SENSOR
01	BLADE REVERSAL SENSOR
02	DIVIDER SHUTTLE IN BACK POSITION SENSOR
03	DIVIDER SHUTTLE IN FORWARD POSITION SENSOR
04	DIVIDER FEEDER ON/OFF P/E SWITCH
05	DIVIDER VACUUM ADJUSTABLE SENSOR SWITCH
06	ULTRASONIC ON/OFF LIMIT SENSOR
07	CUTTING MODE SELECTOR SWITCH
08	DIAL IN POSITION P/E SWITCH
09	INDEXER END OF CYCLE P/E SWITCH
10	SPARE
11	SPARE

### OUTPUTS:

#### 10CH

00	SOFT START VALVE
01	BLADE DOWN 4-WAY
02	ULTRASONIC START CABLE
03	DO NOT USE
04	PLATFORM 4-WAY VALVE, OUT
05	PLATFORM 4-WAY VALVE, IN
06	INDEXER 4-WAY, RESET
07	SPARE

#### 11CH

00	GUARD WINDOW 4-WAY VALVE, UP
01	GUARD WINDOW 4-WAY VALVE, DOWN
02	SPARE
03	DIVIDER SHUTTLE 4-WAY VALVE, FORWARD
04	AUDIBLE ALARM
05	BLADE SPEED CONTROL BYPASS VALVE
06	SPARE
07	SPARE

